ECONOMICAL AND EFFICIENT – KONE E MINISPACE™

The KONE E MiniSpace™ is an economical solution for providing reliable, efficient, and comfortable transport between floors in residential buildings. Part of the KONE MiniSpace family, the KONE E MiniSpace elevator incorporates the core innovations that have made KONE the industry leader in eco-efficient elevator solutions. Clear specifications and a standardized offering make it easy to choose and install the solution that best fits the needs of your building.

The eco-efficient KONE EcoDisc hoisting system

Pre-designed specifications to match your needs

The KONE E MiniSpace solution is offered with pre-designed options for car size and load. The available options are designed specifically to meet the typical needs of residential environments.

Save energy with KONE eco-efficient technologies

The KONE E MiniSpace elevator is powered by the energy-efficient KONE EcoDisc® hoisting machine. It is also equipped with standby solutions that switch off the lighting and fan when the elevator is not in use.

A smooth and quiet ride

The V3F variable-frequency drive ensures a smooth, comfortable ride with an improved acceleration/deceleration profile, better floor-to-floor travel times, and precision leveling.

Easy installation and maintenance

The KONE E MiniSpace has a compact machine room that is simply an extension of the elevator shaft, making installation easier and more efficient. Once the elevator is installed, KONE Care™ maintenance solutions help to keep your equipment running smoothly around the clock. KONE has a broad maintenance service supported by a global spare parts network.

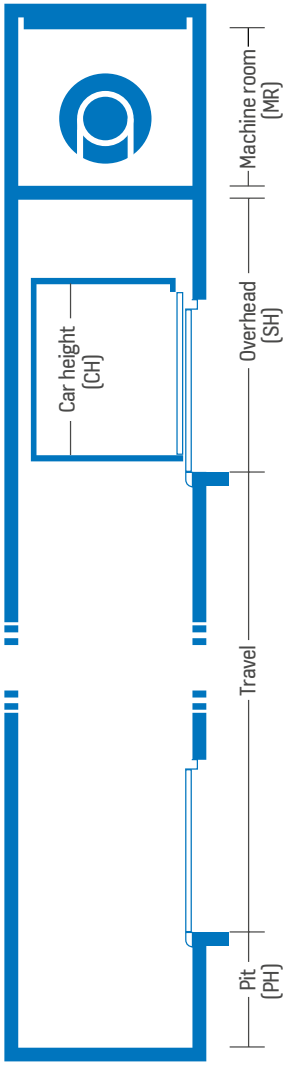
Certified for safety

All KONE manufacturing units are ISO 14001 certified and meet all elevator industry standards and requirements, including (EN81-1:1998/GB7588).

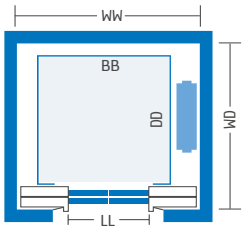
KONE E MINISPACE™ PLANNING DATA

KONE E MINISPACE PLANNING DATA									
Persons / load kg	Speed m/s	Travel m	Car size mm	Door type	Car type	LL mm	LR mm	Shaft size WW x WD (mm)	
								NOM	MAX
8/630	≤ 2.5	All TL	1100 x 1400	CO	SEC	800	1000	1750 × 1900	2045 x 2400
	≤ 2.5	All TL	1100 x 1400	CO	SEC	900	1100	1950 × 1900	2045 x 2400
	≤ 2.5	All TL	1100 x 1400	SO	SEC	800	1000	1655 × 2000	2045 x 2400
	≤ 2.5	All TL	1100 x 1400	SO	SEC	900	1100	1670 × 2000	2045 x 2500
	≤ 2.5	All TL	1100 x 1400	CO	TTC	800	1000	1750 × 1890	2045 x 1890
10/800	≤ 2.5	All TL	1350 x 1400	CO	SEC	800	1000	1905 × 1900	2295 x 2470
	≤ 2.5	All TL	1350 x 1400	CO	SEC	900	1100	1950 × 1900	2295 x 2470
	≤ 2.5	All TL	1350 x 1400	SO	SEC	800	1000	1905 × 2000	2295 x 2500
	≤ 2.5	All TL	1350 x 1400	SO	SEC	900	1100	1920 × 2000	2295 x 2500
	≤ 2.5	All TL	1350 x 1400	CO	TTC	800	1000	1905 × 1890	2295 x 1890
	≤ 2.5	All TL	1250 x 1500	CO	SEC	800	1000	1805 × 1950	2195 x 2500
	≤ 2.5	All TL	1250 x 1500	CO	SEC	900	1100	1950 × 1950	2195 x 2500
	≤ 2.5	All TL	1250 x 1500	SO	SEC	800	1000	1805 × 2050	2195 x 2600
	≤ 2.5	All TL	1250 x 1500	SO	SEC	900	1100	1820 × 2050	2195 x 2600
	≤ 2.5	All TL	1100 x 1650	CO	SEC	800	1000	1750 × 2040	2045 x 2640
	≤ 2.5	All TL	1100 x 1650	CO	SEC	900	1100	1950 × 2020	2045 x 2640
	≤ 2.5	All TL	1100 x 1650	SO	SEC	800	1000	1655 × 2130	2545 x 2650
	≤ 2.5	All TL	1100 x 1650	SO	SEC	900	1100	1670 × 2120	2545 x 2650
13/1000	≤ 2.5	All TL	1600 x 1400	CO	SEC	900	1100	2155 × 1900	2545 x 2470
	≤ 2.5	All TL	1600 x 1400	CO	SEC	1000	1200	2240 × 1900	2545 x 2470
	≤ 2.5	All TL	1600 x 1400	SO	SEC	900	1100	2155 × 2000	2545 x 2500
	≤ 2.5	All TL	1600 x 1400	SO	SEC	1000	1200	2170 × 2000	2545 x 2500
	≤ 2.5	All TL	1400 x 1600	CO	SEC	900	1100	1955 × 2000	2345 x 2670
	≤ 2.5	All TL	1400 x 1600	CO	SEC	1000	1200	2150 × 2000	2345 x 2670
	≤ 2.5	All TL	1400 x 1600	SO	SEC	900	1100	1955 × 2100	2345 x 2700
	≤ 2.5	All TL	1400 x 1600	SO	SEC	1000	1200	1970 × 2100	2345 x 2700
	≤ 2.5	All TL	1400 x 1600	CO	TTC	900	1100	1955 × 2090	2345 x 2090
	≤ 2.5	All TL	1100 x 2100	CO	SEC	900	1100	1950 × 2420	2200 x 3090
	≤ 2.5	All TL	1100 x 2100	CO	SEC	1000	1200	2150 × 2420	2200 x 3090
	≤ 2.5	All TL	1100 x 2100	SO	SEC	900	1100	1705 × 2520	2200 x 3190
	≤ 2.5	All TL	1100 x 2100	SO	SEC	1000	1200	1805 × 2520	2200 x 3190

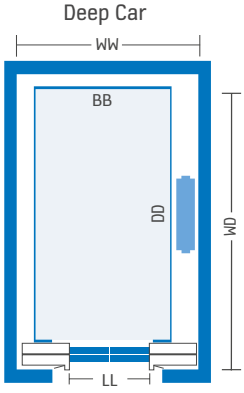
For more detail please refer to technical documentation



Square car



Deep Car



Speed	1.0, 1.6, 1.75, 2.0, 2.5 m/s
Load	630, 800, 1000 kg
Max. stops	18 (1.0 m/s), 30 (1.6 m/s), 33 (1.75m/s), 38 (2.0/2.5 m/s)
Max. travel	55 (1.0 m/s), 85 (1.6 m/s), 95 (1.75 m/s), 110 (2.0 m/s), 120 (2.5 m/s)
Car height (CH)	2200, 2300, 2400, 2500, 2600 mm*

Note:
* For CH2200 integrated ceiling LF10 is not available.

Speed (m/s)	Overhead height SH (mm)	Pit height PH (mm)
1.0	3740	1330
1.6	3900	1475
1.75	3950	1510
2.0	4050	1580
2.5	4350	1945

FEATURES

BUILT-IN

MOP T Motor protection, thermistors with automatic reset
PDD N Phase failure detection
RDF RC Recall drive
DTS Drive time supervision
CDL O Car door limit switches, separate open limit
EMR Emergency stop switch on car roof
EMH O Emergency stop switch in well, one switch
SGE Safety gear contact
OSG CM Car overspeed governor in machine room
DOP Door opening prevention switch in controller
TWS C Tension weight switch of overspeed governor, car
EEC C Emergency exit contact in car
OSS LC Out of service switch at landing, doors closed, lights off
LCL Landing call registered light
CCL Car call registered light
OLF C Overload function, constant light
DIA C Direction arrows in car
CPI PS Car position indicator in controller, seven segment
DZI N Door zone indication, no buzzer
SCN N Start counter, number of starts,not loosing data in power failure
ASC T Ascending car overspeed protection
BFS Buffer switch
BMV R Braking method, resistor braking
COD Correction drive feature
UCM T Uncontrolled car movement
EMP Emergency stop switch in control panel
ADO Advance door opening
REO Reopen by landing call in elevator group, one time
LWD E Load weighing device, electronic detector
OCL A Operation of car light, automatic
OCV A Operation of car ventilation, automatic
STM C Stopping of the machine, two contacts
STP C Starting torque preset, LWD
TFC T Tacho fault counter, three times
CPI CO Car position indicator in car, dot matrix
BLF Bypass load function
IDP Intensive down peak
ITP Intensive two-way peak
IUP Intensive up peak
ACL B Accurate releveling, automatic both open and closed doors
LCD Landing calls disconnect
PAM C Parking at main floor, doors clos
LPS VN Lift position synchronizing
CEL S Car emergency lighting, separate light
EBS S Emergency battery supply with supervision
ABE C Alarm bell under/top of car
ISE M Emergency intercom
ISE F Five-way intercom system
DOB OI Door open button, normally open contact
DCB I Door close button
SRC RNC Safety ray in car, reopen
BOF Buttons to operate car doors for service purposes
ACL C Accurate re-leveling, automatic, closed doors
SPB BP Stuck button supervision, both calls, no service
CCB Car calls backwards
CCM A Car calls from machine room, all
CDC Car door contact
SED WSR Service drive, without limitations,car roof buttons with extra run button
LOA MO Locking of automatic car doors, mechanical lock

OPTION

EEC S Emergency exit contact in shaft
EMH T Emergency stop switch in shaft pit, two switches
ABE M Alarm at main floor
QCC Quick close from new car call
DAL GP Disturbance alarm, general, potential free
LIL AM Lift link, alarm, mode signals
LIL AMB Lift link, alarm, position binary
TSD ES Traffic supervision display, with LEDs, in supervision room
CTV I Camera in the car, interface only
FCC R Two touch car call cancel
KONE E-LINK™ Elevator monitoring and command system
DIT LNP LAN cable inside travelling cable
DIT OFS Optical fiber inside travelling cable
FEB S Basement floor extension, separate buttons
FET S Top floor extension, separate buttons
PAD C Parking at pre-defined floor, doors closed
FID SO Fire detection, manual switch, doors open
FRD Fireman's drive
FID AO Fire detection, whole building, alternative return floor, doors open
EBD A Emergency battery drive, automatic
EPD MCF Emergency power drive, to main floor, doors closed, full service
OCV AF Operation of car ventilation, automatic
ISE N Multi-intercom system
NUD L Nudging service, by measuring load
FCC C False car call cancel, by counting stops
LCC Landing call cross coupling, time dependent
OCL AF Operation of car light, automatic
CLS O Car light supervision, parking doors open
ATS C Attendant service, using car call buttons as indicators
OSS COI Out of service switch in car, doors open, lights on, indication car roof buttons with extra run button
ACU F Lift announcer
THD L Total harmonic distortion filtering for non MLB drive
EPS S Emergency power sequencer, separate
BMV MU Braking method, modulated line braking, resistor braking under special use
ACL B Accurate releveling, automatic, both open and closed doors
LSC P Provision for loudspeaker in car
LOC E Locking of car calls
LOL E Locking of landing calls
FRE Fast recall
FPO A Full collective pee off, automatic

Remark: Contact our KONE sales person for details.

VISUAL OPTIONS

Dedicated to People Flow™

Cost-effective design

With a selection of design components and materials to choose from, the KONE E MiniSpace offers a cost-effective way to create a visually appealing elevator experience for the tenants in your building.

CEILINGS

LF10
Lighting: **T5** fluorescent tubes
Finishing: **ST43** Silver brushed st st
PP10 White painted RAL9010

LF12
Lighting: **T5** fluorescent tubes
Finishing: **ST43** Silver brushed st st

CL70
Lighting: **T5** fluorescent tubes
Finishing: **ST43** Silver brushed st st

CL71
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
ST43 Silver brushed st st

CL88
Lighting: **LED** spot
Finishing: **ST43** Silver brushed st st

CL91
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
ST43 Silver brushed st st

CL94
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
ST43 Silver brushed st st

CL95
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
ST43 Silver brushed st st

CL103
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
ST43 Silver brushed st st

Note:
Mirror is available in partial height/mid-width size, on rear wall only. Mirror can only be selected together with a handrail.

KONE E MiniSpace
Ceiling: CL 103
Wall: Fresh Green (PP22) painted steel
Floor: Rocky Gray (D25) PVC
Handrail: HR31

SIGNALIZATION

Car operating panel (COP)

KDS 50
Full height

KSC 296
Full height

Handicap car operating panel

Keypad handicap car operating panel

Landing call station (LCI)

KDS 50
Simplex

KDS 50
Duplex

KSL 281
Simplex

KSL 281
Simplex

HANDRAILS

HR31
Round aluminium tube with black plastic end caps

HR34
Round curved aluminium tube with black plastic end caps

HR61
Round silver brushed

HR24R
Curved ends silver brushed

CAR WALL AND DOOR MATERIALS

Painted steel

PP10
Pure White

PP18
Linen Brown

PP20
Wool Gray

PP22
Fresh Green

Metallic panted steel

METP1
Champagne

METP2
Cosmo Red

Stainless steel

ST4/ST43
Silver brushed

FLOORING

PVC

D-6
Light Brown

D24
Moon White

D25
Rocky Gray

D26
Lava Stone

D27
Saturn Brown

D29
Mars Red

D30
Galaxy

D31
Bamboo

Patterned PVC

DG01
Browny

DG02
Chessboard

DG03
Puzzle Soft

DG04
Puzzle Bright

DG05
Legno

DG06
Blusher

KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE NanoSpace™ and KONE UltraRope®.

KONE employs close to 52,000 dedicated experts to serve you globally and locally.

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KONE

THE ELEVATOR WITH A COMPACT MACHINE ROOM

KONE E MiniSpace™